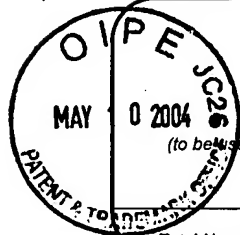


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**TRANSMITTAL  
FORM**

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Total Number of Pages in This Submission

7+

Application Number

10/658,120

Filing Date

September 8, 2003

First Named Inventor

John G. Maneatis

Art Unit

2817

Examiner Name

Attorney Docket Number

TCU 327

**ENCLOSURES (Check all that apply)**☐

Fee Transmittal Form

☐

Fee Attached

☐

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☒

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐Response to Missing Parts/  
Incomplete Application☐Response to Missing Parts  
under 37 CFR 1.52 or 1.53☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐Petition to Convert to a  
Provisional Application☐

Power of Attorney, Revocation

☐

Change of Correspondence Address

☐

Terminal Disclaimer

☐

Request for Refund

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CD, Number of CD(s) \_\_\_\_\_

Remarks

☐After Allowance communication  
to Technology Center (TC)☐Appeal Communication to Board  
of Appeals and Interferences☐Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)☐

Proprietary Information

☐

Status Letter

☒Other Enclosure(s) (please  
Identify below):

1. PTO-1449 forms (three pages)
2. Two references (one foreign, one other doc.)

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual nameChristopher S. Tuttle, Esq.  
Kolisich Hartwell, P.C.

Signature

Date

May 3, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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Renee Knight

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JOHN G. MANEATIS



Date: May 3, 2004

Serial No. : 10/658,120

Group Art Unit 2817

Filed : September 8, 2003

For : FAST-LOCKING PHASE-LOCKED LOOP

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir :

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98**

Applicant is submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 form(s). The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicant respectfully requests that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

## CONTENT OF DISCLOSURE

This Information Disclosure Statement includes (1) four pages of PTO-1449 forms, and (2) a legible copy of each foreign and non-patent reference, if any, listed on the form(s). However, because this application was filed on or after July 1, 2003, no copies of U.S. patents or published U.S. patent applications are included.

## TIMING OF DISCLOSURE / FEE INFORMATION

This Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, either (1) before the mailing of a first Office action on the merits, or (2) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Information Disclosure Statement.

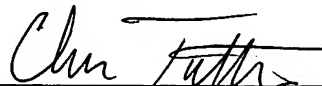
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\_\_\_\_\_  
Renee Knight

Respectfully submitted,

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Attorney for Assignee

FORM PTO-1449

DOCKET NUMBER  
TCU 327APPLICATION NUMBER  
10/658,120INFORMATION DISCLOSURE  
CITATION IN AN APPLICATIONAPPLICANT  
John G. ManeatisFILING DATE  
September 8, 2003GROUP ART UNIT  
2817

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,608,530	8/26/86	Bacrania			
	4,644,536	2/17/87	Utsumi			
	4,792,768	12/20/88	Fried et al.			
	5,043,677	8/27/91	Tomassetti et al.			
	5,144,156	9/1/92	Kawasaki			
	5,285,114	2/8/94	Atriss et al.			
	5,375,148	12/20/94	Parker et al.			
	5,508,660	4/16/96	Gersbach et al.			
	5,512,816	4/30/96	Lambert			
	5,629,650	5/13/97	Gersbach et al.			
	5,687,201	11/11/97	McClellan et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
2002-217721	8/2/02	Japan			XX

## OTHER DOCUMENTS

	<i>A Fully-Configurable GSM BTS Controller and GMSK-EDGE Base-Band Transmitter IC,</i> Delmont et al., <i>IEEE Solid-State Conference</i> , pp. 352-353, February 5-7, 2001.

EXAMINER

DATE CONSIDERED

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER TCU 327	APPLICATION NUMBER 10/658,120	
		APPLICANT John G. Maneatis		
		FILING DATE September 8, 2003	GROUP ART UNIT 2817	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,705,947	1/6/98	Jeong			
	5,727,037	3/10/98	Maneatis			
	5,731,696	3/24/98	Pennisi et al.			
	5,757,238	5/26/98	Ferraiolo et al.			
	5,870,003	2/9/99	Boerstler			
	5,880,579	3/9/99	Wei et al.			
	5,900,784	5/4/99	O'Sullivan			
	5,945,855	8/31/99	Momtaz			
	5,959,502	9/28/99	Ovens et al.			
	5,986,485	11/16/99	O'Sullivan			
	6,011,822	1/4/00	Dreyer			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES                  NO	

OTHER DOCUMENTS	

EXAMINER	DATE CONSIDERED
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FORM PTO-1449		DOCKET NUMBER TCU 327		APPLICATION NUMBER 10/658,120			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT John G. Maneatis					
		FILING DATE September 8, 2003		GROUP ART UNIT 2817			
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
	6,043,695	3/28/00	O'Sullivan				
	6,043,715	3/28/00	Bailey et al.				
	6,054,882	4/25/00	Izumikawa				
	6,067,336	5/23/00	Peng				
	6,075,406	6/13/00	Lee et al.				
	6,107,849	8/22/00	Williams et al.				
	6,107,889	8/22/00	Strange et al.				
	6,111,470	8/29/00	Dufour				
	6,118,346	9/12/00	Olgaard				
	6,124,741	9/26/00	Arcus				
	6,124,755	9/26/00	Parker et al.				
FOREIGN PATENT DOCUMENTS							
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OTHER DOCUMENTS							
EXAMINER				DATE CONSIDERED			

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			APPLICANT John G. Maneatis			
			FILING DATE September 8, 2003		GROUP ART UNIT 2817	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	6,181,210	1/30/01	Wakayama			
	6,201,380	3/13/01	Tsujino et al.			
	6,215,363	4/10/01	Conta et al.			
	6,222,421	4/24/01	Kiyose			
	6,242,897	6/5/01	Savage et al.			
	6,262,610	7/17/01	Lo et al.			
	6,265,859	7/24/01	Datar et al.			
	6,275,097	8/14/01	Liang et al.			
	6,326,852	12/4/01	Wakayama			
	6,329,882	12/11/01	Fayneh et al.			
	6,566,970	5/20/03	Injino, Jr.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES      NO
OTHER DOCUMENTS						
EXAMINER			DATE CONSIDERED			